
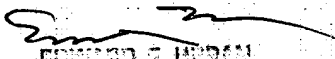


Issue Classification 	Application No.	Applicant(s)	
	09/688,282	HELPERICH, RICHARD J.	
	Examiner	Art Unit	
	THUAN T. NGUYEN	2685	

ISSUE CLASSIFICATION										
ORIGINAL				CROSS REFERENCE(S)						
CLASS	SUBCLASS			CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					
455	458			455	412.1	424.1				
INTERNATIONAL CLASSIFICATION				340	7.21	7.52	825.37			
H 0 4 Q	7 1 2 0									
			/							
			/							
			/							
			/							

NGUYEN, THUAN 4/01/05 (Assistant Examiner) (Date)		 EDWARD F. URDAN SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2000 (Primary Examiner) (Date)	Total Claims Allowed: 48	
Denise Hoain 8/8/05 (Legal Instruments Examiner) (Date)			O.G. Print Claim(s) 1	O.G. Print Fig. 7

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant				<input type="checkbox"/> CPA				<input type="checkbox"/> T.D.				<input type="checkbox"/> R.1.47			
Final	Original			Final	Original			Final	Original			Final	Original		
	1				61				121				151		181
	2				62				122	8			152	42	182
	3				63				123	9			153	43	183
	4				64				124	10			154	44	184
	5				65				125	11			155	45	185
	6				66				126	12			156	46	186
	7				67				127	13			157	47	187
	8				68				128	14			158	48	188
	9				69				129	19			159		189
	10				70				130	20			160		190
	11				71				131	21			161		191
	12				72				132	22			162		192
	13				73				133	23			163		193
	14				74	14	(104)		134	24			164		194
	15				75	15	105		135	25	(164)		165		195
	16				76	16	106		136	26			166		196
	17				77	17	107		137	27			167		197
	18				78	18	108		138	28			168		198
	19				79		109		139	29			169		199
	20				80		110		140	30			170		200
	21				81		111		141	31			171		201
	22			1	(82)		112		142	32			172		202
	23			2	83		113		143	33			173		203
	24			3	84		114		144	34			174		204
	25			4	85		115		145	35			175		205
	26			5	86		116		146	36			176		206
	27			6	87		117		147	37			177		207
	28			7	88		118		148	38	(177)		178		208
	29				89		119		149	39			179		209
	30				90		120		150	40			180		210
										41					